

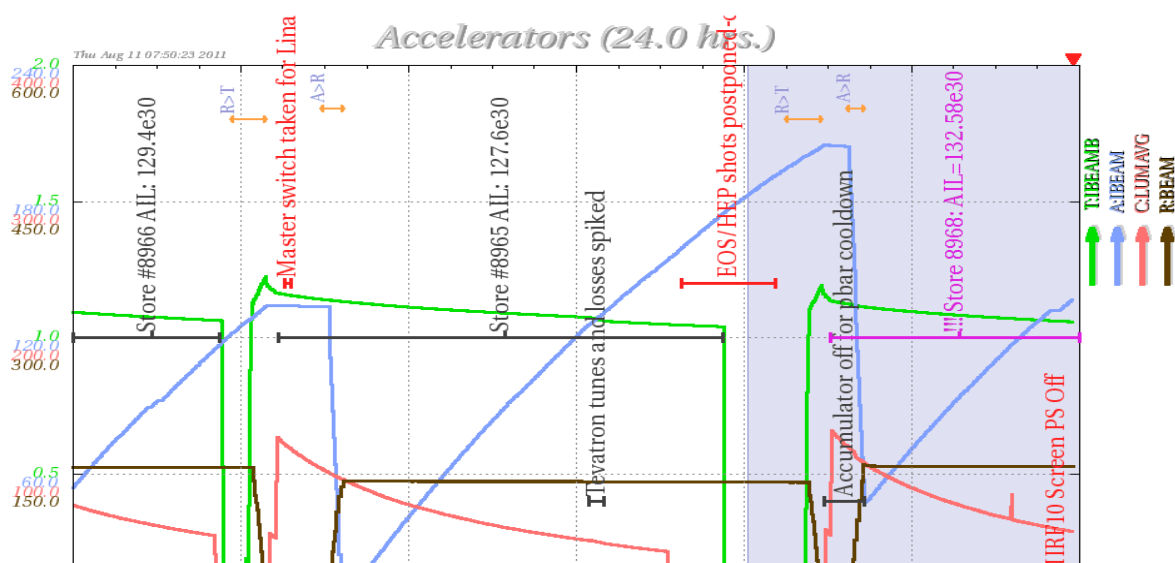
2011-08-11 Thursday Morning Notes

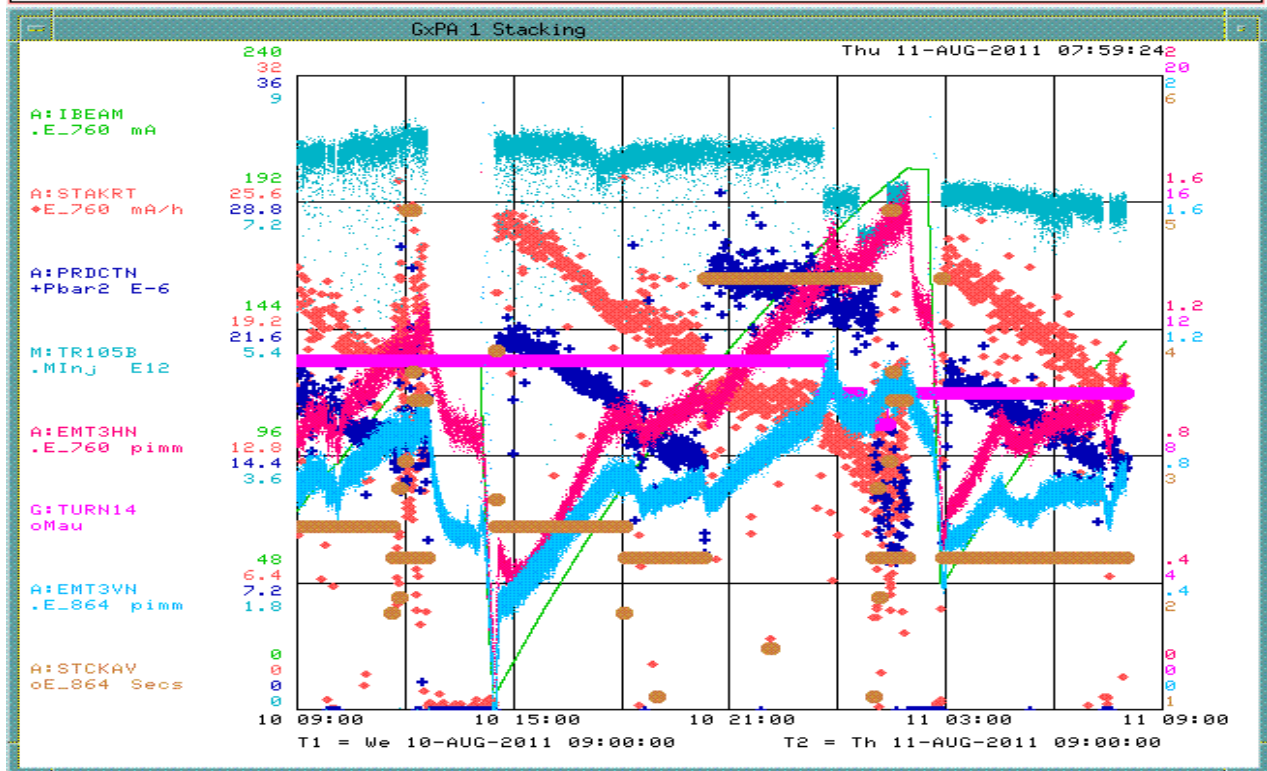
Thursday, August 11, 2011
7:41 AM

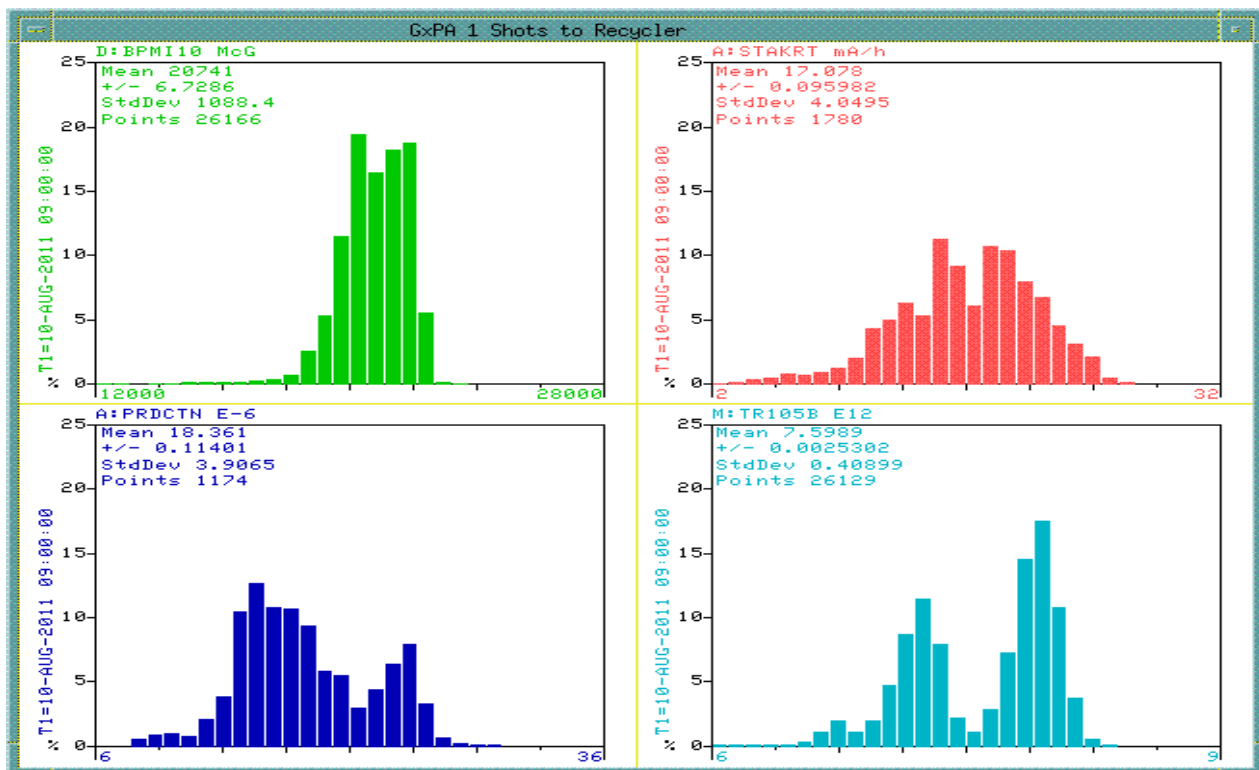
Numbers

- Stacking
 - Pbars stacked: 417.81 E10
 - Time stacking: 22.31 Hr
 - Average stacking rate: 18.73 E10/Hr
- Uptime
 - Number of pulses while in stacking mode: 29100
 - Number of pulses with beam: 27605
 - Fraction of up pulses was: 94.86%
- The uptime's effect on the stacking numbers
 - Corrected time stacking: 21.17 Hr
 - Possible average stacking rate: 19.74 E10/Hr
 - Could have stacked: 440.43 E10/Hr
- Recycler Transfers
 - Pbars sent to the Recycler: 283.22 E10
 - Number of transfers : 14
 - Number of transfer sets: 2
 - Average Number of transfer per set: 7.00
 - Time taken to shoot including reverse proton tuneup: 00.05 Hr
 - Transfer efficiency: 95.26%
- Other Info
 - Average POT : 7.61 E12
 - Average production: 19.90 pbars/E6 protons

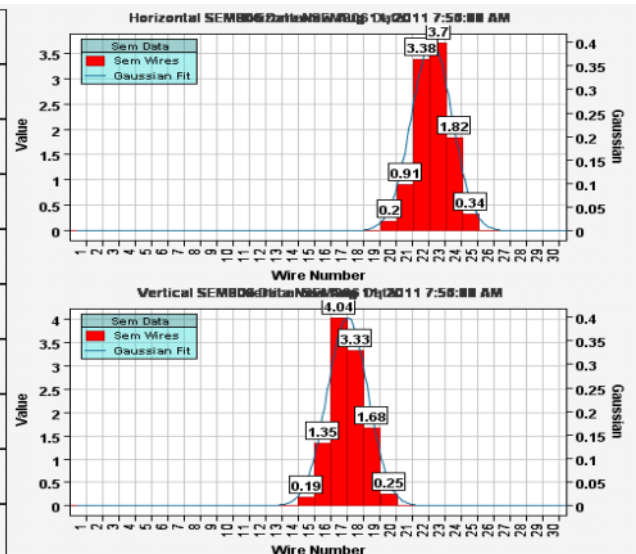
Plots





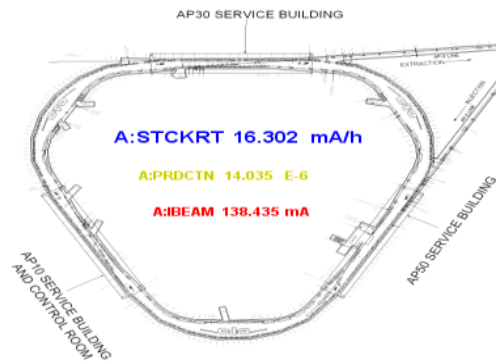


Horizontal Area New	10.34	Intensity
Horizontal Area Calc	183.42	Intensity
Horizontal Sigma New	3.08	mm
Horizontal Sigma Calc	2.91	mm
Horizontal Mean	23.05	mm
Vertical Area New	10.82	Intensity
Vertical Area Calc	187.19	Intensity
Vertical Sigma New	3.07	mm
Vertical Sigma Calc	2.89	mm
Vertical Mean	7.58	mm



A:IBMINJ 8.856 e07 A:FRWDTH 13.084 Hz A:EMT3HN 0.965 pimm
 A:LFTOVR 1.303 % A:CENFRQ 628900. Hz A:EMT3VN 0.778 pimm
 A:STMEDS 10.541 MeV A:R2DDS1 628900. Hz A:XFRNXT 75.0 mA
 A:R1HLFB 30.624 kV

MI EFF 0.86
 M:TR105B 6.951 E12
 G:TURN14 10.0 Turns
 L:14SUM3 8.086 E12
 AP0 SERVICE BUILDING
 D:TGTCHK 140.777 %
 D:TGTPWR 62.022 KW



Pbar Beamlines BPM House Status

P1
 P2
 AP1
 AP2 F27
 AP2 AP50
 0x80 Event Detected
 A:STCKAV 2.2 Secs
 Overthruster Status

